



MECKLENBURG COUNTY FIRE MARSHAL'S OFFICE

Plans submitted to the Mecklenburg County Fire Marshal's Office will be reviewed in accordance with all local, state and federal requirements. Referenced materials to verify all requirements are met include, but are not limited to the North Carolina State Building Code: Fire Code, Building Code, Mechanical Code, Plumbing Code, the National Fire Protection Association (NFPA), and other referenced standards as required.

Note: This information is a list of the most common items related to submitting plans to our office. There are many additional requirements that apply to a specific project. Please contact our office at (980) 314-3070 if you have specific questions related to your project.

FIRE DEPARTMENT ACCESS

- Fire department access shall be provided within 150 feet of all exterior walls.
- Dead-end roads in excess of 150 feet will require an approved area for fire apparatus turn around.
- Fire apparatus access roads shall be capable of supporting 80,000 pounds.
- Minimum road width is 20 feet from curb to curb and shall be heavy pavement.
- Minimum unobstructed vertical clearance of not less than 13 feet 6 inches.
- Turning radius shall be a minimum 30 feet inside / 42 feet outside. Template SB-30 (Engine) and B-40 (Ladder Trucks) for all drawings and scaled no smaller than 1:60.
- Provide a Knox Box for all structures that have a fire alarm and / or sprinkler systems.
 - Knox Box shall be located to left of main entrance, unless otherwise noted.
 - Multiple Knox Boxes may be required for larger structures with multiple entries.
 - Knox Box shall be mounted at 60 inches above the finished floor.
 - www.knoxbox.com to order for you fire district.

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